



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David W. Edmunds, Group Art Unit: unknown
Robert Minns, and James
W. Sinclair
Serial No.: 10/016,262 Examiner: unknown
Filed: November 2, 2001 Docket No.: 1028-004US01
Title: CALCULATION ENGINE FOR USE IN OLAP ENVIRONMENTS

CERTIFICATE UNDER 37 CFR 1.8: I hereby certify that this correspondence is being deposited with the United States Post Service, as First Class Mail, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on

April 18, 2003.

By: Angela Watson
Name: Angela Watson

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

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APR 24 2003

Dear Sir:

Applicant submits the reference listed on the attached form PTO-1449, a copy of which is Technology Center 2100 enclosed.

Under 37 C.F.R. 1.97(e)(1), I hereby certify that each item of information contained in this Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application before the receipt of the first office action.

Respectfully submitted,

Date: April 18, 2003

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